

Abstract of the Disclosure

A delay locked loop (DLL) that applies an amount of delay to an external clock signal to generate multiple delayed signals. One of the delayed signals is selected as an internal clock signal. The multiple delayed signals have different delays in relation to the external clock signal. If a change in operating condition of the DLL occurs, such as a change in the supply voltage during an operational mode of the memory device such as an ACTIVE, a READ or a REFRESH mode, the DLL immediately selects another delayed signal among the multiple delayed signals as a new internal clock signal to compensate for the change before a phase detector of the DLL detects the change.

"Express Mail" mailing label number: EL671639889US

Date of Deposit: July 11, 2001

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

09903227 071101